line 13, after "receiver" insert --for--;

line 15, delete "receive" and insert --received--.

IN THE SPECIFICATION:

Please replace the original specification with the attached Substitute Specification.

IN THE CLAIMS:

Please amend the claims as follows:

1. (amended) A navigation display system for displaying a specified location [with] <u>on</u> a map) [on] <u>with</u> display equipment, comprising<u>:</u>

[a] map display domain setting means for setting [up] a display domain of a map <u>in</u> a map memory for storing map data to be indicated on said display equipment[,]<u>;</u>

[a] map display means for reading out the map <u>data</u> of the display domain set by said map display domain setting means[,] from said map memory[,]<u>;</u>

[a] retrieval condition setting means for setting up <u>a</u> retrieval condition <u>for the retrieval</u> of [the] individual information to [indicate] <u>be displayed</u> with the map on said display equipment[,]<u>;</u>

[an] individual information reception means for receiving <u>a</u> dynamic information part of said individual information<u>,</u> <u>which dynamic information part is</u> supplied from the outside[,] by retrieving it [with] <u>on the basis of</u> the display domain output from said map display domain setting means and the

2

retrieval condition output from said retrieval condition
setting means, and for outputting said dynamic information
part corresponding to a specified location on the map[,]:

an individual information memory for storing a static
information part of said individual information corresponding
to said specified location on the map[,]:

[a] receipt information analyses means for outputting
said individual information, [combined with] wherein said
dynamic part received from said individual information
reception means [and] is combined with said static information
part received from said individual information memory,
corresponding to said specified location on the map[,]: and

[an] individual information display means for displaying
said individual information obtained from said receipt
information analyses means on said display equipment.

Claim 2, line 2, delete "characterized in that" and
insert --wherein:--.

Claim 3, line 3, delete "an"; same line 3, delete
"setting up" and insert --establishing--;

line 4, delete "said";

line 5, after "," insert --and--;

line 8, after "icon" (first occurrence) insert
--obtained--.

Claim 4, line 2, delete "characterized in that" and
insert --wherein:--.

3

5. (amended) An information display system, comprising:

[a] map display domain setting means to set a display domain of a map[,];

[a] map memory means to store [a] map data[,];

[a] map display means to read out and display said map data corresponding to a domain set by said map display domain setting means from said map memory means[,];

[a] retrieval range setting means to set a retrieval range, including at least a retrieve object property, in order to retrieve [a needed] desired information from retrieved objective data[,];

[a] data transmission means to transmit said retrieval range set by said retrieval range setting means[,];

a data receiver to receive data sent from outside, said data including at least one item of individual information retrieved according to said retrieval range transmitted by said data transmission means and [an] information relating to at least a position on said map contained in said individual information[,];

[a] received data analysis means to discriminate said individual information contained in said data received by said data receiver[,];

[an] icon setting means to set an icon [decided by] determined on the basis of said retrieve object property according to [said every] each item of individual information discriminated by said received data analysis means[,];

4

[an] icon display position setting means to set a display position of said icon set by said icon setting means based on said information of said position on said map contained in said individual information and said map display domain set by said map display domain setting means according to said individual information discriminated by said received data analysis means[,];_ and

[an] icon display means to display said icon set by said icon setting means according to [said every] _each item of_ individual information discriminated by _said_ received data analysis means, on the map displayed by said map display means, at said position set by said icon display position setting means, whereby said information display system [characterized by displaying] _operates to display_ said icon on said map corresponding to said individual information retrieved in a range of said set retrieval range.

Claim 6, line 2, after "comprising" insert --:--;

line 3, delete "an";

line 7, delete "displaying" and insert --displays--;

line 13, delete "thereby" and insert --whereby--.

Claim 7, line 2, after "comprising" insert --:--;

line 3, delete "a" (first occurrence);

line 6, delete "top, thereby" and insert --, so that--.

5

8. (amended) An information display system as defined in claim 7, further comprising:

[a] temporary memory means for [memorizing] storing said retrieval object area of said data received by said data receiver and a receipt time [displayed] indicated by said retrieval range drawing means as to when [receiving] said data was received, [thereby] whereby

a range of said data already received and stored in said temporary memory means and said receipt time are displayed by said retrieval range drawing means.

Claim 9, line 2, after "comprising" insert --:--;

line 3, delete "an"; same line 3, after "store" insert --a--;

line 4, delete "whereby" and insert --thereby--;

line 5, delete "are" and insert --may be--.

Claim 10, line 4, delete "an"; same line 4, delete "furthermore".

11. (amended) An information display system as defined in claim 10, further comprising:

[an] icon store means to store a plurality of said icons[,]; and

[an] icon presence judgment means to judge the presence of a needed icon in said icon store means and to provide an icon request command to said data transmission means when said needed icon [does] is not present, [thereby] whereby an icon

6

transmission request is transmitted using said data
transmission means when said icon presence judgment means
judges no presence of said needed icon.

12.   (amended) An information display system as defined
in claim 5 or 6, further comprising:

[an] icon overlap judgment means to judge the existence
of overlap between said icons from the size [of an icon] and
position of said icon set by said icon display position
setting means, and to generate a resetting command to one of
said icon display position setting means, said map display
domain setting means [or] and said icon property setting means
when said icons are overlapped, [thereby] whereby

when [said] existence of an overlap between [said] icons
is judged by said icon overlap judgment means, said display
position of [said] an icon is changed by said icon overlap
judgment means, said map display domain is changed by said map
display domain setting means, or said size of said icon is
changed by said icon property setting means, so that said
overlap between said icons is controlled to be less than half
of [said] the size of [said] an icon.

13.   (amended) An information display system, comprising:
a data receiver to receive data sent from outside, said
data including at least one item of individual information
containing [an] icon information [capable] sufficient to at
least set one icon[,];

7

[a] received data analysis means for discriminating said individual information contained in the data received by said data receiver[,];

[an] icon setting means to set said one icon according to said icon information contained in [said every] each item of individual information discriminated by said received data analysis means[,];

[an] icon display position setting means to set a display position of said icon set by said icon setting means based on said individual information discriminated by said received data analysis means[,];

[an] icon display means to display [said] an icon set by said icon setting means according to said [every] each item of individual information discriminated by said received data analysis means, at [said position] positions set by said icon display position setting means[,];

a received data/position memory means to respectively store said individual information discriminated by said received data analysis means, with said display position of [said] an icon set by said icon display position setting means;

[an] icon select means [capable] to select one of said icons displayed by said icon display means[,]; and

[a] detailed data display means to retrieve said individual information, corresponding to said icon selected by said icon select means, from said received data/position memory means and to display detailed data relating to said

8

retrieved individual information [taken out], [thereby] whereby said individual information sent from outside is displayed by [using] selecting said icon, [and said icon is provided capable to be selected,] and when said icon is selected, said detailed data of said individual information [are] is displayed furthermore.

14.   (amended) An information display system as defined in claim 13, further comprising:

[a] map display domain setting means to set a display domain of said map[,];

[a] map memory means to store map data[,]; and

[a] map display means to read out said map data of said domain set by said map display domain setting means from said map memory means[,]; wherein

said individual information sent from outside contains information relating to said position on said map [furthermore], and said icon display position setting means sets said position to display said icon set by said icon setting means based on information about said position on said map contained by said individual information[,] and the display domain of said map set by said map display domain setting means, according to the [every] each item of individual information discriminated by said received data analysis means, [thereby] whereby

when said icon is selected, [an information about] said

9

individual information is displayed corresponding to said icon.

Claim 15, line 3, delete "furthermore," and insert --;--;

line 6, delete "said" and insert --a--; same line 6, delete "," and insert --;--;

line 7, delete "said information about".

16. (amended) An information display system as defined in claim 13 or 14, further comprising:

[an] inside data store means to store said detailed data, and [an] inside data retrieval means to retrieve said information related to said individual information from said inside data store means based on said individual information which [comes under an] is related to a selected icon [selected] provided by said icon select means [mentioned above], [thereby said] whereby detailed information [relating] related to said selected individual information [selected] is retrieved from [said] inside data stored beforehand, and said detailed information [is displayed] relating to said individual information corresponding to said selected icon is displayed.

Claim 17, line 4, delete "said" (first occurrence); same line 4, delete "furthermore";

line 7, after "," insert --whereby--;

line 10, delete ",";

10

line 12, delete "an".

18.   (amended) An information display system, comprising:

[a] map display domain setting means to set a display domain of a map[,];

[a] map memory means to store [a] map data[,];

[a] map display means to read out and display [said] map data, corresponding to a domain set by said map display domain setting means, from said map memory means[,];

[a] retrieval range setting means to set a retrieval range including at least a retrieve object property in order to retrieve [a needed] desired information from retrieved objective data[,];

[a] data transmission means to transmit said retrieval range set by said retrieval range setting means[,];

a data receiver to receive data sent from outside, said data including at least one item of individual information retrieved according to said retrieval range transmitted by said data transmission means and [an] information relating to at least position on said map [contained] identified in said individual information[,];

[a] received data analysis means to discriminate said individual information contained in said data received by said data receiver[,];

[an] icon setting means to set an icon decided by said

11

retrieve object property according to [said every] <u>each item</u> <u>of</u> individual information discriminated by said received data analysis means[,]:

[an] icon property setting means to change a display form of said icon set by said icon setting means according to [an] icon property information contained in said individual information[,]:

[an] icon display position setting means to set a display position of said icon set by said icon setting means based on said information [of] <u>identifying</u> said position on said map contained in said individual information and said map display domain set by said map display domain setting means according to said individual information discriminated by said received data analysis means[,]:

[an] icon display means to display said icon set by said icon setting means according to [said every] <u>each item of</u> individual information discriminated by received data analysis means, on the map displayed by said map display means, at said position set by said icon display position setting means[,]:

[a] received data/position memory means to respectively store said individual information discriminated by said received data analysis means, with said display position of said icon set by said icon display position setting means[,]:

[an] icon select means capable [to select] <u>of selecting</u> one of said icons displayed by said icon display means[,]:

[an] inside data store means <u>to</u> store said detailed data[,]:

[an] inside data retrieval means to retrieve said
information related to said individual information
corresponding to said icon selected by said icon select means
from said inside data store means[,]; and

[a] detailed data display means to display said detailed
information retrieved by said inside data [search] <u>retrieval</u>
means, whereby said icon is displayed on said map
corresponding to said individual information retrieved in a
range [of said retrieval range] set by said retrieval range
setting means so as to be capable of being selected <u>by use of</u>
said icon, and when said icon is selected, said detailed
information is displayed relating to said individual
information corresponding to said selected icon stored
beforehand in said inside data store means.

Claim 19, line 2, after "comprising" insert --:--;

line 3, delete "a";

line 5, delete "and" and insert --whereby--;

line 7, after "displayed" insert --so as--.

---

20. (amended) An information display system as defined
in claim 18 or 19, further comprising:

[a]detailed information display domain setting means to
set a display domain of said detailed information taken
out by said inside data retrieval means[,]; <u>and</u>

[a] display configuration change means to change <u>the</u>
configuration on [a] <u>the</u> screen of the display when said icon is

13

selected by said icon select means or said detailed data

display means finishes [to] the display of said detailed

information, [thereby] whereby said display configuration on

the screen is changed when said detailed information relating

to said individual information selected by said icon select

means is displayed and said map displaying said icon selected

by said icon select means and said detailed information are

displayed on the same screen.

Claim 21, line 2, after "comprising" insert --:--;

line 3, delete "a";

line 4, delete "said";

line 12, delete "a" and insert --the--;

line 13, delete "doesn't" and insert --does not--.

22. (amended) An information display system, comprising:

an individual information receiver to obtain data

transmitted from information offering servers connected

through a network[,];

[an] information memory means to store [an] information

provided by said individual information receiver[,];

[an] individual information updating means to store said

information provided by said individual information receiver

in said information memory means[,];

a data receiver to receive a retrieval range of said

individual information[,];

14

[a] data retrieval means to retrieve data stored in said
information memory means according to said retrieval range of
said individual information provided by said data receiver[,];
and

[a] data processing means to process one or more [said]
items of individual information taken out by said data
retrieval means, [a] and data transmission means to transmit a
retrieved result of said data retrieval means processed by
said data processing means [mentioned above], [thereby]
whereby said information provided from [said] information
offering servers [on a] connected through said network is
obtained and is stored, and [an] information conforming to
said retrieval range is retrieved from said stored individual
information and is transmitted.

Claim 23, line 2, delete "characterized in that";

line 4, delete "to";

line 5, delete "different"; same line 5, delete
"whenever being sent" and insert --which changes over time--;

line 7, delete "latest".

24. (amended) An information display system as defined
in claim 22 or 23, [wherein characterized by] further
comprising:

[a] server information store means memorizing a kind of
said information, an address, and an access method offered by

said information offering servers according to said respective information offering servers[,]:

[a] retrieval object server setting means to set a server to offer said individual information from said information offering servers registered in said server information store means[,]: and

[an] individual information request means to request offering of said information by accessing said information offering servers set by said retrieval object server setting means, [thereby a latest] whereby information is obtained by accessing said information offering servers and said individual information is renewed by storing [said latest] current information in said information store means.

25. (amended) An information display system as defined in claim 24, wherein [characterized in that]

[whenever time set beforehand passes,] said individual information request means periodically obtains [said latest] current information by accessing said information offering servers a predetermined intervals, and said individual information is renewed by storing the [latest] current information in said information memory means.

Claim 26, line 2, delete "characterized in that";

line 6, delete "," and insert --;--;

line 9, after "responds" insert --to--; same line 9, delete "that" and insert --wherein--;

16

line 12, delete "latest" and insert --current--;

same line 12, delete "," and insert --;--;

line 14, delete "latest" and insert --current--.

---

27.   (amended) An information display system as defined in claim 22, [wherein characterized] further comprising:

[a] conventional format setting means to set a format to be stored in said information memory means[,]; and

[a] selected object data setting means to limit a property of said data stored in said information memory means, whereby, [when] said individual information updating means stores said individual information from the information offering server which is obtained by said individual information receiver into said information memory means, and said individual information is changed into a format set by said conventional format setting means so as to be stored, or said information memory means only stores a property set by said selected object data setting means, [thereby] whereby the quantity of said individual information is controlled [to be] in an optimum way.

28.   (amended) An information display system as defined in claim 22, wherein [characterized in that]

data [to receive] in a message received by said data receiver [mentioned above contain] contains amount of information reduction request presence information [furthermore,]; and

17

when an information amount reduction request is ordered, said data processing means reduces said information provided from said information retrieval means by a method determined beforehand so that the communication complexity is controlled to be an optimum.

29.   (amended) A navigation system comprising:

A. an information display system comprising[;]:

[a] map display domain setting means for setting a display domain of a map[,]:

[a] map memory means to store map data of said map[,]:

[a] map display means to read out and display said map data, belonging to said domain set by said map display domain setting means, from said map memory means[,]:

[a] retrieval range setting means to set a retrieval range containing at least a retrieval object property for retrieving [an] information from a retrieve object[,]:

[a] data transmission means to transmit said retrieval range set by said retrieval range setting means[,]:

a data receiver for receiving data sent from outside including one or more items of individual information retrieved according to said retrieval range transmitted by said data transmission means, said individual information containing at least [an] information [about] identifying a position on said map and [an] icon property information[,]:

18

[a] received data analysis means for distinguishing said individual information contained in the data received by said data receiver[,];

[an] icon setting means to set an icon [decided] determined according to a retrieve object property of said individual information discriminated by said received data analysis means[,];

[an] icon property setting means to change a display form of said icon set by said icon setting means based on said icon property information contained in said individual information[,];

[an] icon drawing position setting means to set a display position of said icon set by said icon setting means from said information [about] identifying said position on said map contained in said individual information and said display domain of said map set by said map display domain setting means according to said individual information discriminated [from] by said received data analysis means[,];

[an] icon display means to display said individual information discriminated [from] by said received data analysis means and said icon set by said icon setting means at said position set by said icon drawing position setting means on the map displayed by said map display means[,];

[a] received data/position memory means to respectively store said individual information discriminated by said received data analysis means, with said display position of said icon set by said icon display position setting means[,];

19

[an] icon select means capable [to select] <u>selecting</u> one of said icons displayed by said icon display means[,];

[an] inside data store means <u>to</u> store said detailed data[,];

[an] inside data retrieval means to retrieve said information related to said individual information corresponding to said icon selected by said icon select means from said inside data store means[,];

[a] detailed data display means to display [a] detailed information retrieved by said inside data retrieval means[,]; and

<u>B.</u> [an] information offering equipment comprising[;]<u>:</u>

an individual information receiver to obtain data transmitted from information offering servers connected through a network[,];

[an] information memory means to store [an] information provided by said individual information receiver[,];

[an] individual information updating means to store [said] information provided by said individual information receiver in said information memory means[,];

a data receiver to receive a retrieval range of said individual information[,];

[a] data retrieval means to retrieve data stored in said information memory means according to said retrieval range of said individual information provided by said data receiver[,];

20

[a] data processing means to process one or more <u>items of</u> said individual information taken out by said data retrieval means[,]; and

[a] data transmission means to transmit a retrieved result of said data retrieval means processed by said data processing means [mentioned above,]; and

[a] communication means to receive [a said] data transmitted from said information offering equipment [with] <u>using</u> said information display system [mentioned], whereby

[a necessary] information is retrieved based on [a] latest individual information provided by [said] <u>an</u> information offering server, said provided individual information is displayed on said map, and said latest individual information is simply displayed with [a] little communication complexity by storing said detailed information related to said individual information in said information display system.

REMARKS

The abstract of the disclosure has been amended to correct errors of a typographical and grammatical nature.

The specification has been amended to correct errors of a typographical and grammatical nature. Due to the excessive corrections thereto, applicants submit herewith a Substitute Specification, along with a marked-up copy of the original specification for the Examiner's convenience. Applicants submit that the substitute specification includes the changes

21